

ABSTRACT

The present invention relates to a powdery composition for nasal administration, which is characterized in that

(1) the composition contains (i) a drug, (ii) a water-absorbing and gel-forming base material such as hydroxypropyl cellulose or hydroxypropylmethyl cellulose and (iii) a water-absorbing and water-insoluble base material such as crystalline cellulose or α -cellulose,

(2) wherein the amount of the water-absorbing and gel-forming base material is about 5-40 wt % based on the total of the water-absorbing and gel-forming base material and the water-absorbing and water-insoluble base material, and

(3) wherein the drug is unevenly dispersed more on/in the water-absorbing and water-insoluble base material than on/in the water-absorbing and gel-forming base material.

The present invention provides the powdery composition for nasal administration excellent in absorption of the drug from the nasal cavity and having an extremely increased maximum blood concentration comparing a conventional composition for nasal administration even for a drug having a high solubility in water, a drug having a high lipophilicity or a peptide/proteinaceous drug having a large molecular weight.

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